

Title (en)
PROCESS FOR THE MANUFACTURE OF 2-CHLORO-1,1,1-TRIFLUOROETHANE.

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 2-CHLOR-1,1,1-TRIFLUORETHAN.

Title (fr)
PROCEDE DE FABRICATION DE 2-CHLORO-1,1,1-TRIFLUOROETHANE.

Publication
EP 0576613 A1 19940105 (EN)

Application
EP 92910813 A 19920319

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Abstract (en)
[origin: US6040486A] A process is disclosed for producing HCFC-133a which includes reacting certain trihaloethene starting materials (e.g., trichloroethene) with HF in the gaseous phase at an elevated temperature in the presence of certain supported metal catalysts containing effective amounts of zinc. A catalyst of metal fluoride on a fluorinated alumina support having an atomic ratio of F to Al of at least 2.7:1 and containing beta - aluminum fluoride, is employed.

Abstract (fr)
L'invention décrit un procédé de fabrication de HCFC-133a comprenant la réaction de certains constituants initiaux de trihaloéthène (par exemple, trichloroéthène) avec HF en phase gazeuse à une température élevée en présence de certains catalyseurs de métal à support contenant des quantités efficaces de zinc. On utilise un catalyseur de fluorure de métal sur un support d'oxyde d'aluminium fluoré, dont le rapport atomique de F à Al est d'au moins :2,7:1 et contenant un fluorure de beta-aluminium.

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C07C 17/00; C07C 19/08

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